



DEPARTMENT OF THE AIR FORCE  
30TH SPACE WING (AFSPC)

MEMORANDUM FOR DISTRIBUTION

29 November, 2000

FROM: 30 RANS/DOUS

SUBJECT: WESTERN RANGE HISTORICAL REPORT 01 Oct. 1999 through 30 Sep 2000.

PART I. OPERATIONS SUMMARY:

During fiscal year 01 Oct 1999 through 30 Sep 2000 the MOCC coordinated 25597 schedule changes against 8331 Operations scheduled at the Western Range. This represents a 13% increase over FY 99 and 8% overall for FY 97 through FY 00.

Recap of the operations schedule for FY 00 by category:

<u>Operations Category</u>	<u>Scheduled</u>
Planned Maintenance	1359
Unplanned Maintenance Ops Cap Red	183
Unplanned maintenance Ops Cap Yellow	179
System Modifications	86
OT&E Testing	100
Institutional Testing	1028
Software Development	5
Batch Processing	285
Range Tours	193
Training	561
Data Production non launch related	47
Eastern Range Support Spacelift	22
Edwards AFB Support Aeronautical	69
NAWC Pt. Mugu Support Aeronautical	14
Western Range Customer Support Spacelift	1976
Western Range Customer Support Ballistic	1563
Western Range Customer Support General Aeronautical	439
Western Range Customer Support Other	222

PART II. ASSOCIATED OPERATIONS SUMMARY FOR FY 1997 THROUGH 2000.

Below is a recap of operations scheduled in support of Range customer requirements for FY 1997 through FY 2000. Category "Other Support" covers host base or other activities supporting operations not directly related to any specific mission. Aeronautical support covers all operations scheduled on the WR that required area clearance. Does not include associated operations for pre/post launch support still in progress.

	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>
Spacelift	1663	1853	1527	1976
Ballistic	1012	1148	668	1563
Aeronautical	751	741	422	544
Other Support	478	605	307	222
Total	3904	4347	2924	4305

### PART III. WESTERN RANGE MAINTENANCE SUMMARY:

During FY 2000 the Maintenance Operations Coordination Center (MOCC) coordinated, de-conflicted and scheduled 1907 maintenance actions of which 362 were for unplanned corrective maintenance. There were 35 maintenance actions deleted by the customer and 1 cancelled with time used. 98 percent of all maintenance actions scheduled through the MOCC were completed.

Recap of maintenance actions by quarter:

	<u>Oct-Dec</u>	<u>Jan-Mar</u>	<u>Apr-Jun</u>	<u>Jul-Sep</u>
Scheduled	298	388	316	324
Unscheduled	65	156	69	72
Modifications	39	82	48	50
Totals	402	626	433	446

### PART V. WESTERN RANGE LAUNCH SUMMARY:

The Western Range supported 20 launches (10 Spacelift & 10 Ballistic) during FY 2000. There were 23 launch counts that required manning by Air Force and contractor personnel. Additionally there were 32 reschedules that required 30 RANS/DOUS coordination and CLSRB approval. Below is a breakdown of launches with the number of associated operations, counts, and reschedules required for each mission.

Recap of launches with the number of counts/reschedules required for each:

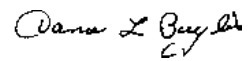
Date	Op Number / Type / Payload	Assoc. Op	Launch Counts	Op Reschedules
02-Oct-99	W1939 LAUNCH MMII MSLS IFT # 3	52	1	2
13-Nov-99	W4420 MM3/PRP/FTM-1	97	1	1
12-Dec-99	* W1927 PHASE 2 (LAUNCH)	100	1	1
18-Dec-99	* W4359 ATLAS-II EOS-TERRA	115	2	2
20-Dec-99	* W1836 TAURUS KOMPSAT	48	1	3
18-Jan-00	W6118 MM II MSLS IFT-4	62	1	0
26-Jan-00	* W7744 LAUNCH JAWSAT OSP SLV-1	86	2	4
08-Mar-00	W0600 LAUNCH PEACEKEEPER GT-29A	172	1	0
12-Mar-00	* W4608 LAUNCH TAURUS MTI	62	1	3
25-Mar-00	* W0497 LAUNCH DELTA II IMAGE	110	1	2
24-May-00	W2532 LAUNCH MM III FTM-02	114	1	2
28-May-00	W3360 LAUNCH OSP-TLV DEMO	107	1	1
07-Jun-00	* W6023 LAUNCH PEGASUS TSX-5	45	1	3
09-Jun-00	W7115 MMIII GT 172 GM LAUNCH	131	1	2
07-Jul-00	W6106 MINUTEMAN II IFT-5	65	1	0
19-Jul-00	* W7766 LAUNCH MIGHTYSAT	50	1	1
17-Aug-00	* W6909 LAUNCH B-28	164	2	3
21-Sep-00	* W1078 LAUNCH TITAN II	154	1	1
28-Sep-00	W0781 LAUNCH MM III GT-174	100	1	1
28-Sep-00	W8639 LAUNCH MM III GT-173	81	1	0

**\* Spacelift Operations**

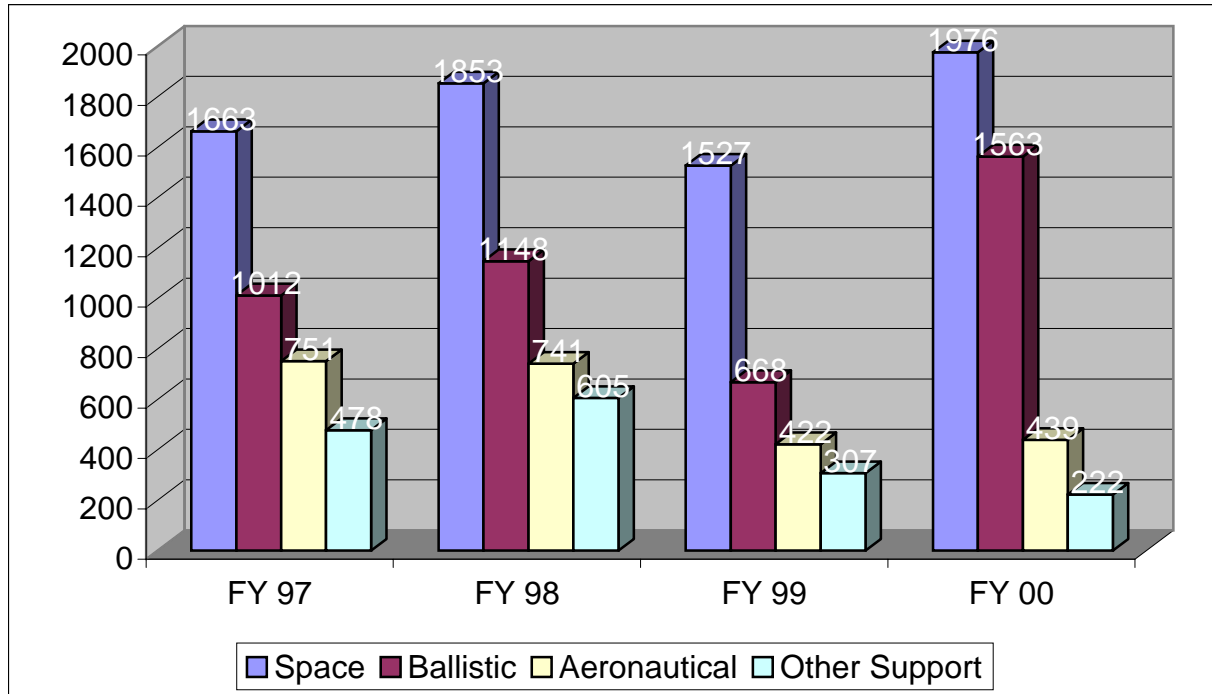
PART IV. FORECAST SCHEDULE:

The following Western Range launches are forecasted for FY 2001.

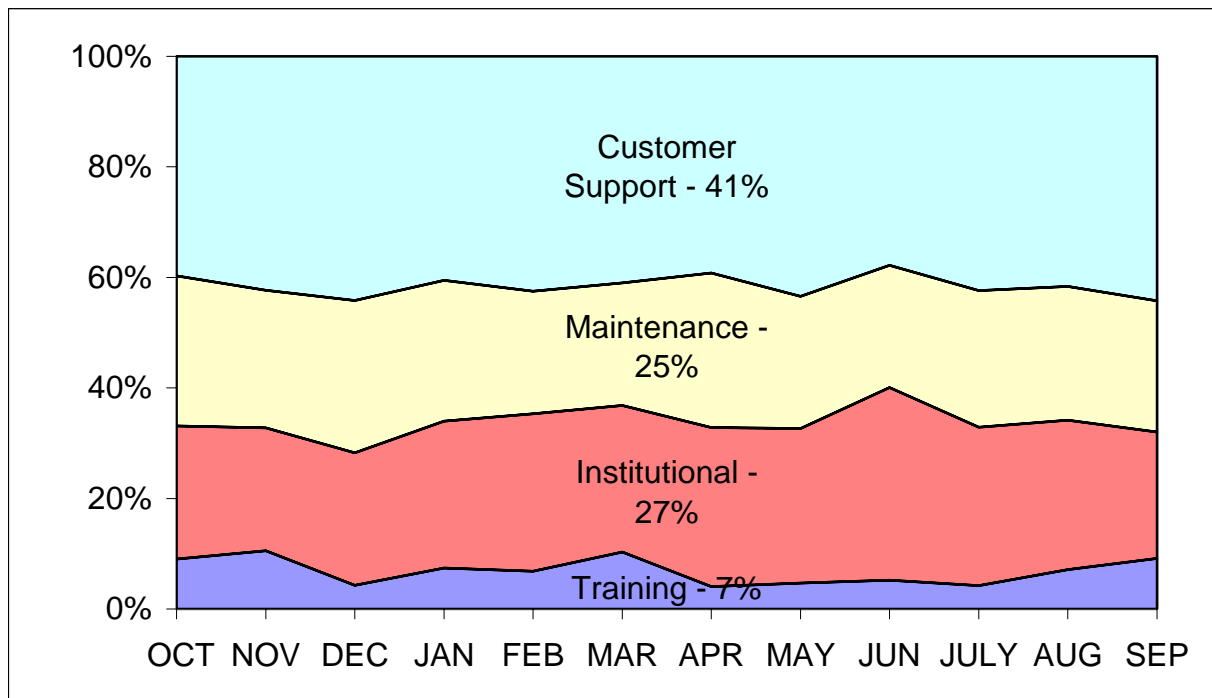
<u>Vehicle</u>	<u>Launches</u>
MM III	3
PK	1
ATLAS	1
DELTA	4
TAURUS	1
TITAN II	1
TITAN IV	2



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Customer Support – Funded JONS



WR Utilization